

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.21**WELDING WITNESS REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WWR-000327**Date Inspected:** 16-Jul-2007**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**Location:** Shanghai, China

Witness: **Procedure Qualification Record**
 Welding **NDT**

Welder Qualification **Fracture Critical**
Mechanical Testing, describe:Macro-Etching

Index Lot #: B71-041-07a**Witness Lot #:** B72-063-07**Bridge No:** 34-0006**Component:** Bid 52**Welder:** Zhu Hai Ping**ID #:** N/A**Joint Description:** Figure 2.3 fillet welds

N/A

WPS ID #: PWPS-B-T-3113

N/A

Base Metal: A709-HPS 485W T2/Z

N/A

PQR ID #: HP2007151

N/A

Thickness: 90 mm

N/A

Process: SMAW

N/A

Electrode Spec/Class: AWS 5.1/E7018-1

N/A

Positions: 3-F (single and multiple passes)

N/A

Backing Material: N/A

N/A

CWI: Xu Bing

N/A

Average Amps:

N/A

AWS Code: AWS 1.5 2002

N/A

Average Volts:

N/A

Applicable Sec: AWS 5.10.3

N/A

Travel Speed:

N/A

Heat Input:

N/A

Preheat:

N/A

Summary of Items Observed:

Caltrans Quality Assurance (QA) Inspector Bruce Berger observed the macro-etch test specimens of this procedure qualification test plate. These PQR samples appear to be in compliance with the code and specification.

Summary of Conversations:

There were no significant conversations held today

Observed welding,testing or results:

is in general conformance with the contract requirements.

is not in conformance with the contract requirements.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

WELDING WITNESS REPORT

(Continued Page 2 of 2)

Inspected By: Berger,Bruce

Quality Assurance Inspector

Reviewed By: McClary,David

QA Reviewer